

CLAIMS

I claim:

1. A method of maintaining a level orientation of a platform on a rail mounted transportation device, comprising increasing a gauge of a rail upon which said device is mounted as a slope of said rail increases.
2. A rail mounted transportation system comprising
 - a. a rail comprising an upper surface and a lower surface, and
 - b. a support body mountable upon said rail for traversing along a length of said rail by
 1. an upper traversing member in operable communication with said upper surface and
 2. a lower traversing member in operable communication with said lower surface;wherein said upper traversing member and said lower traversing member are in a fixed relationship to one another and are maintained in operable communication with said rail by torque; and wherein further said upper surface and said lower surface are separated by a distance that varies along the length of said rail.
3. A rail mounted transportation system as in Claim 2, wherein said traversing member is a wheel.
4. A rail mounted transportation system comprising
 - a. a rail, and
 - b. a support body, said support body comprising
 1. a load bearing section,
 2. a closest wheel, and
 3. a furthest wheel placed at a fixed distance from the closest wheel;
 - c. wherein said closest wheel is adapted to operate as a fulcrum with respect to a weight of said support body; and

- d. wherein a rotation about said fulcrum is terminated by contact between said furthest wheel and said rail; and
- e. wherein a magnitude of said rotation is relative to a gauge of said rail.

5. A rail mounted transportation system comprising

- a. a rail comprising:
 - 1. an upper surface, and
 - 2. a lower surface; and
- b. a support body comprising:
 - 1. an upper means for movably supporting said support body on the upper surface, and
 - 2. a lower means for movably contacting said support body on the lower surface;
 - 3. said support body being thereby mountable upon said rail for traversing along a length of said rail; and
- c. wherein said upper means and said lower means are maintained in operable communication with said rail by torque; and
- d. wherein further a distance between the upper surface and the lower surface is a function of the slope of the rail; and
- e. wherein further the distance between the upper means and the lower means does not change during travel.